Quantitation Report (Qedit)

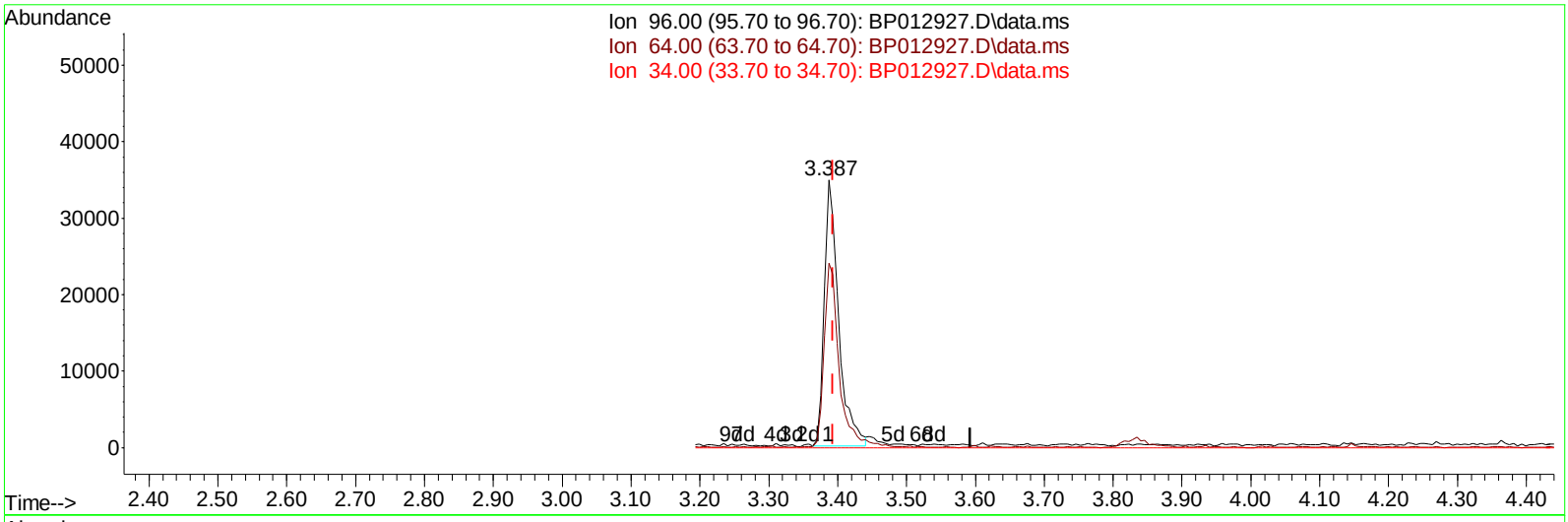
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120122\
Data File : BP012927.D
Acq On : 01 Dec 2022 20:56
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

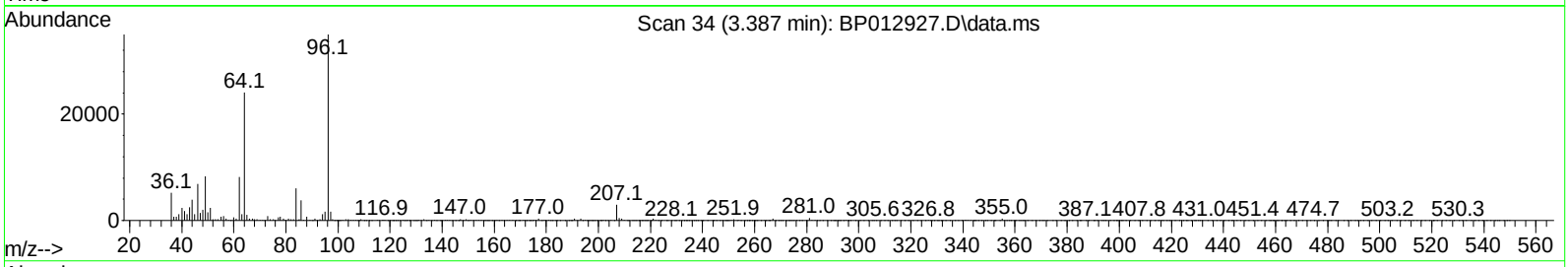
Quant Time: Dec 01 23:49:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 23:46:27 2022
Response via : Initial Calibration

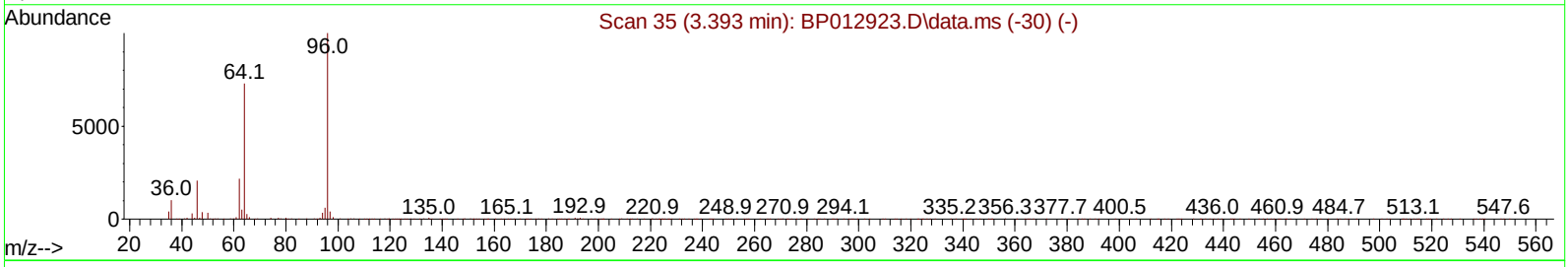
Instrument :
BNA_P
ClientSampleId :
SICV630

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BP012927.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.387min (-0.006) 7.27 ng/uL

response 49974

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.60	68.95
34.00	0.00	0.00
0.00	0.00	0.00

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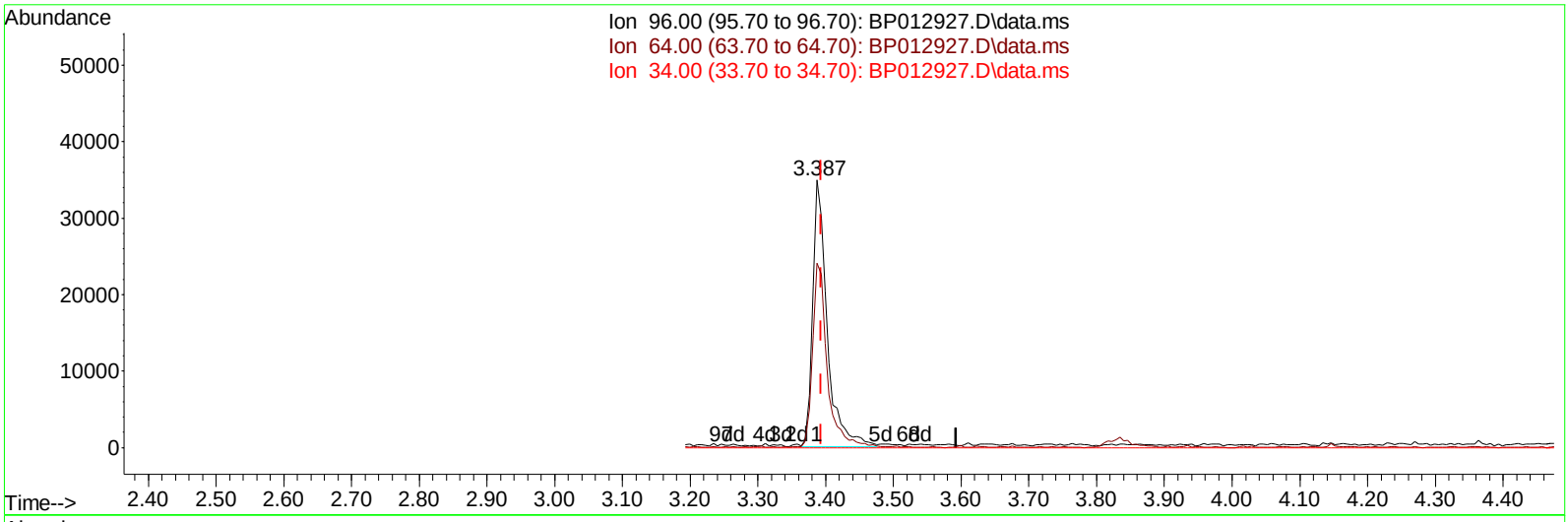

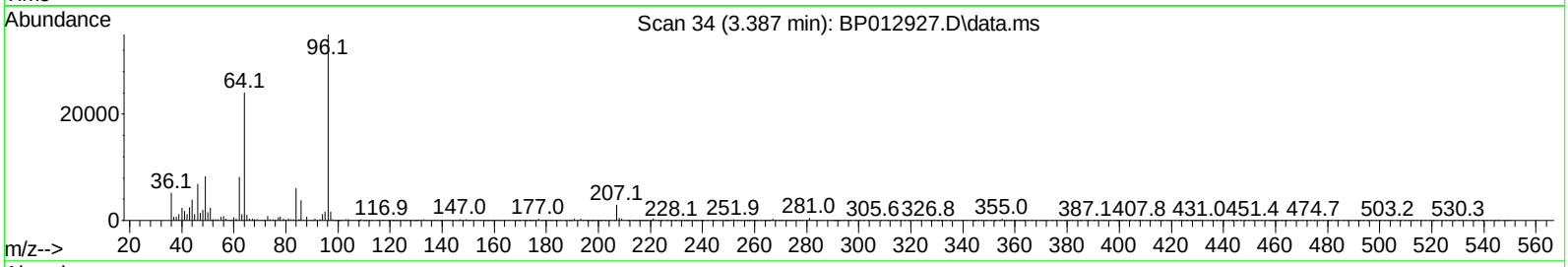

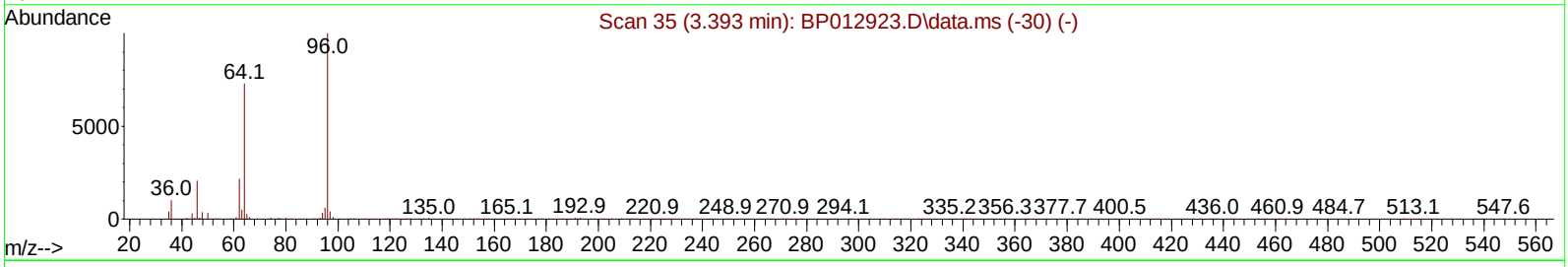

TIC: BP012927.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.387min (-0.006) 7.55 ng/uL m

response 51840

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.60	68.95
34.00	0.00	0.00
0.00	0.00	0.00

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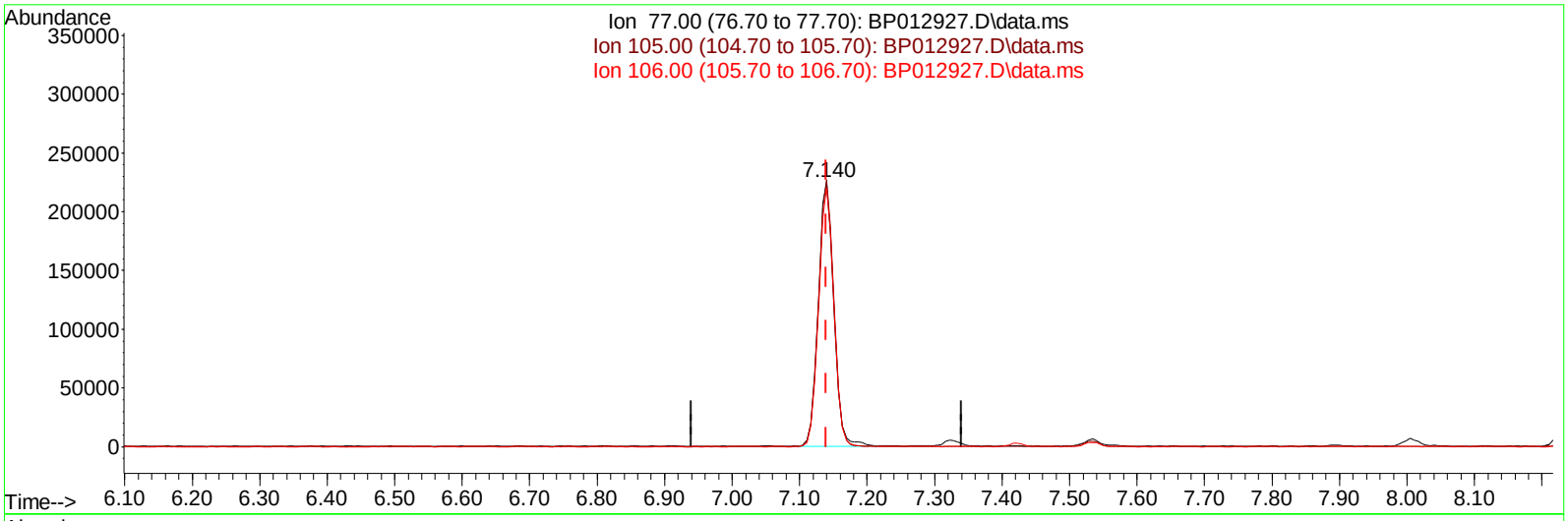

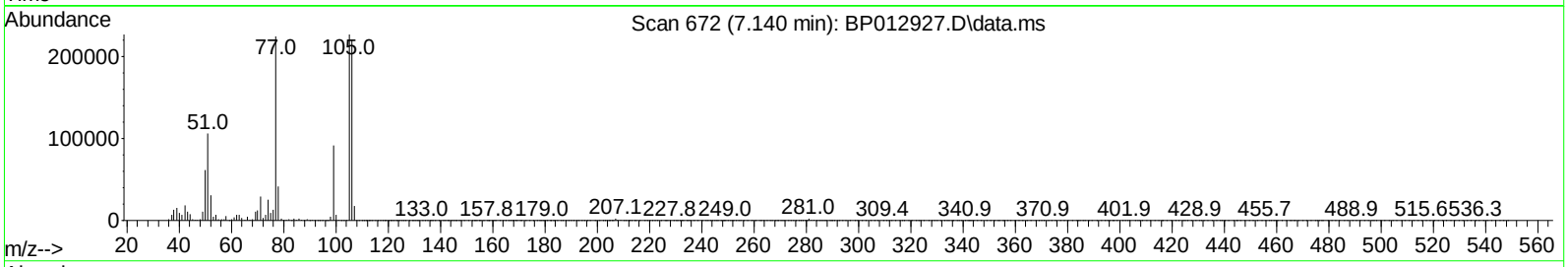

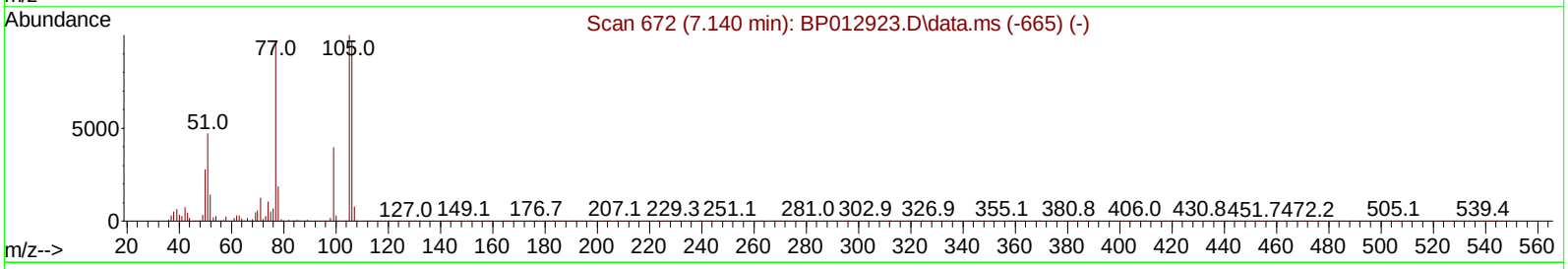

TIC: BP012927.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 25.85 ng/ul

response 358586

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.30	100.85
106.00	99.70	97.84
0.00	0.00	0.00

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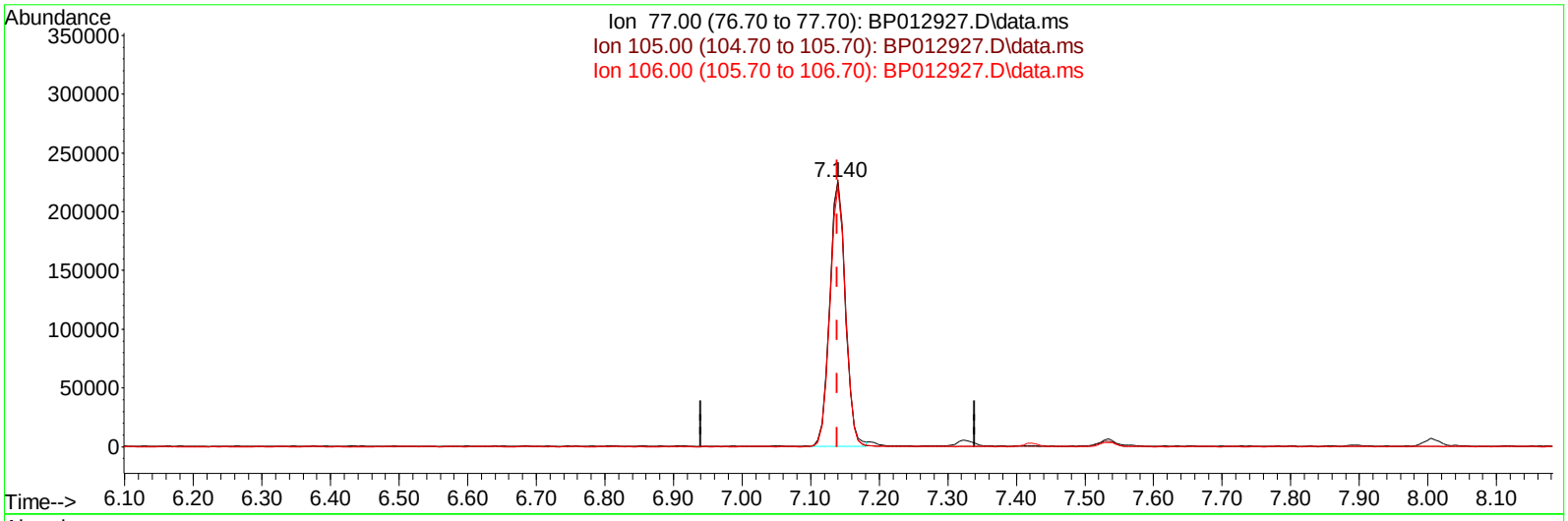

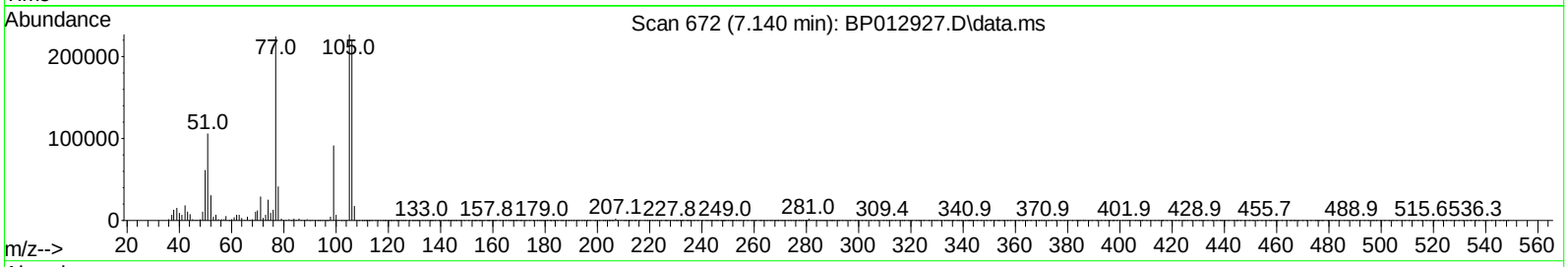

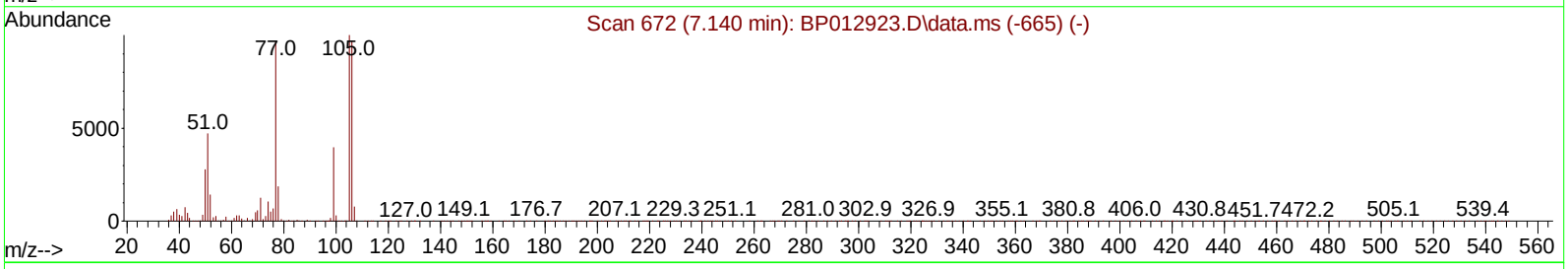

TIC: BP012927.D\data.ms

(6) Benzaldehyde

7.140min (+ 0.000) 25.74 ng/ul m

response 357030

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	103.30	100.85
106.00	99.70	97.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/08/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	305738	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1491478	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	1133823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2705982	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	3139740	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	3505876	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	51840m	7.545	ng/uL	0.00
4) Pyridine-d5	3.817	84	419992	18.942	ng/ul	0.00
7) Phenol-d5	7.158	99	561545	19.889	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	357121	22.341	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	422250	20.404	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	476657	20.560	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	225740	21.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	258458	21.293	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	516490	21.255	ng/ul	0.00
31) 4-Chloroaniline-d4	10.952	131	724029	21.089	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1758125	21.499	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	1979221	21.920	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	365238	21.836	ng/ul	0.00
60) Fluorene-d10	15.634	176	1538194	21.400	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	323434	20.372	ng/ul	0.00
73) Anthracene-d10	17.492	188	2583884	21.603	ng/ul	0.00
81) Pyrene-d10	19.722	212	3186828	20.649	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	3571485	20.849	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	51920	7.093	ng/uL	94
5) Pyridine	3.834	79	382959	17.730	ng/ul	97
6) Benzaldehyde	7.140	77	357030m	25.735	ng/ul	
8) Phenol	7.181	94	561481	19.154	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	440177	19.466	ng/ul	100
12) 2-Chlorophenol	7.563	128	432710	19.539	ng/ul	99
13) 2-Methylphenol	8.446	108	444256	19.383	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	614916	19.407	ng/ul	99
16) Acetophenone	8.834	105	747634	20.821	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	375883	20.591	ng/ul	98
18) 4-Methylphenol	8.775	108	506248	19.779	ng/ul	96
19) Hexachloroethane	9.093	117	157572	19.267	ng/ul	97
22) Nitrobenzene	9.210	77	513993	20.090	ng/ul	99
23) Isophorone	9.740	82	1090059	19.945	ng/ul	99
25) 2-Nitrophenol	9.928	139	279927	20.500	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	546744	20.388	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	664232	20.070	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	506067	20.480	ng/ul	99
30) Naphthalene	10.869	128	1562619	19.858	ng/ul	99
32) 4-Chloroaniline	10.975	127	736625	20.860	ng/ul	100
33) Hexachlorobutadiene	11.157	225	311236	19.997	ng/ul	99
34) Caprolactam	11.751	113	182754	19.721	ng/ul	98
35) 4-Chloro-3-methylphenol	12.093	107	563770	20.641	ng/ul	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	1176433	20.620	ng/ul	99
37) 1-Methylnaphthalene	12.693	142	1146155	19.949	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.834	216	680407	19.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	349824	19.959	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	472343	20.023	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	521635	20.558	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	1640217	20.495	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	1284492	20.053	ng/ul	99
45) 2-Nitroaniline	13.722	65	357656	20.745	ng/ul	98
47) Dimethylphthalate	14.093	163	1724839	20.191	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	366701	23.009	ng/ul	99
50) Acenaphthylene	14.363	152	2079868	21.022	ng/ul	100
51) 3-Nitroaniline	14.540	138	400214	22.595	ng/ul	100
52) Acenaphthene	14.704	153	1407594	20.077	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	211448	18.543	ng/ul	97
55) 4-Nitrophenol	14.840	109	250783	21.407	ng/ul	98
56) Dibenzofuran	15.040	168	2062788	20.774	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	504771	21.159	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	494297	20.687	ng/ul	98
59) Diethylphthalate	15.457	149	1715713	20.151	ng/ul	99
61) Fluorene	15.687	166	1703864	20.757	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	870922	20.540	ng/ul	100
63) 4-Nitroaniline	15.704	138	422420	25.111	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	326543	19.410	ng/ul	96
67) N-Nitrosodiphenylamine	15.892	169	1507139	20.375	ng/ul	100
68) 4-Bromophenyl-phenylether	16.581	248	559966	20.905	ng/ul	98
69) Hexachlorobenzene	16.692	284	674651	20.162	ng/ul	99
70) Atrazine	16.845	200	554409	20.196	ng/ul	98
71) Pentachlorophenol	17.039	266	434765	20.062	ng/ul	99
72) Phenanthrene	17.439	178	2858385	20.025	ng/ul	99
74) Anthracene	17.528	178	2938399	20.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	667145	18.507	ng/uL	98
76) Pentachlorobenzene	14.957	250	705498	17.580	ng/uL	100
77) Carbazole	17.798	167	2778098	22.330	ng/ul	100
78) Di-n-butylphthalate	18.339	149	3153797	18.623	ng/ul	100
80) Fluoranthene	19.398	202	3589546	19.623	ng/ul	99
82) Pyrene	19.751	202	3804545	19.991	ng/ul	98
83) Butylbenzylphthalate	20.616	149	1486596	19.382	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	1493661	21.777	ng/ul	99
85) Benzo(a)anthracene	21.463	228	4003641	20.200	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.375	149	2210077	19.759	ng/ul	99
87) Chrysene	21.522	228	3769627	20.271	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3763647	21.036	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	4236563	18.993	ng/ul	100
91) Benzo(k)fluoranthene	23.269	252	4338040	20.508	ng/ul	99
93) Benzo(a)pyrene	23.874	252	3879152	19.696	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	4915624	20.395	ng/ul	99
95) Dibenzo(a,h)anthracene	26.627	278	4307809	19.962	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	4111317	19.651	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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